

Pollution Search

Project Learning Tree Activity #36

Program of Studies

Science:

- S-4-LS-9 (Organisms change the environment. These changes may be detrimental or beneficial.)
- S-4-AC-1 (Use science to design simple technological solutions (e.g., paper clips, stapler) to problems.)
- S-5-AC-3 (Recognize how science is used to understand changes in populations, issues related to resources, and changes in environments.)
- S-6-AC-2 (Recognize how science is used to understand changes in populations, issues related to resources, and changes in environments.)

English Language Arts:

- ELA-P-R-6 (Read a variety of materials to accomplish authentic purposes, including reading for enjoyment, to locate information, and to complete tasks.)
- ELA-4-R-1 (Understand and respond to a variety of reading materials, making connections to students' lives, to real world issues, and/or to current events)
- ELA-4-R-6 (Employ reading strategies (e.g., word analysis, re-reading, context clues, pre-reading, raising questions, predicting, drawing conclusions).)

Core Content

Science:

- SC-E-3.3.3 (All organisms, including humans, cause changes in the environment where they live. Some of these changes are detrimental to the organism or to other organisms; other changes are beneficial (e.g., dams built by beavers benefit some aquatic organisms but are detrimental to others).)
- SC-E-SI-5 (Communicate (e.g., draw, graph, write) designs, procedures, observations, and results of scientific investigations.)
- SC-E-AC-2 (Examine how designing and conducting scientific investigations fosters an understanding of issues related to natural resources (e.g., scarcity), demonstrate how the study of science (e.g., aquariums, living systems) helps explain changes in environments, and examine the role of science and technology in communities (e.g., location of landfills, new housing developments).)
- SC-M-SI-5 (Communicate (e.g., write, graph) designs, procedures, observations, and results of scientific investigations.)

Reading:

- RD-E-1.0.6 (Explain the meaning of a passage taken from texts appropriate for elementary school students.)
- RD-E-1.0.8 (Describe characters, plot, setting, and problem/solution of a passage.)
- RD-E-1.0.9 (Explain a character's actions based on a passage.)
- RD-E-1.0.10 (Connect literature to students' lives and real world issues.)

Social Studies:

- SS-M-4.1.2 (Different factors (e.g., rivers, dams, developments) affect where human activities are located and how land is used in urban, rural, and suburban areas.)
- SS-M-4.4.1 (Technology assists human modification of the physical environment (e.g., damming a river, irrigating a desert, cooling or heating a living area).)
- SS-M-4.4.4 (Individual perspectives impact the use of natural resources (e.g., watering lawns, planting gardens, recycling paper).)